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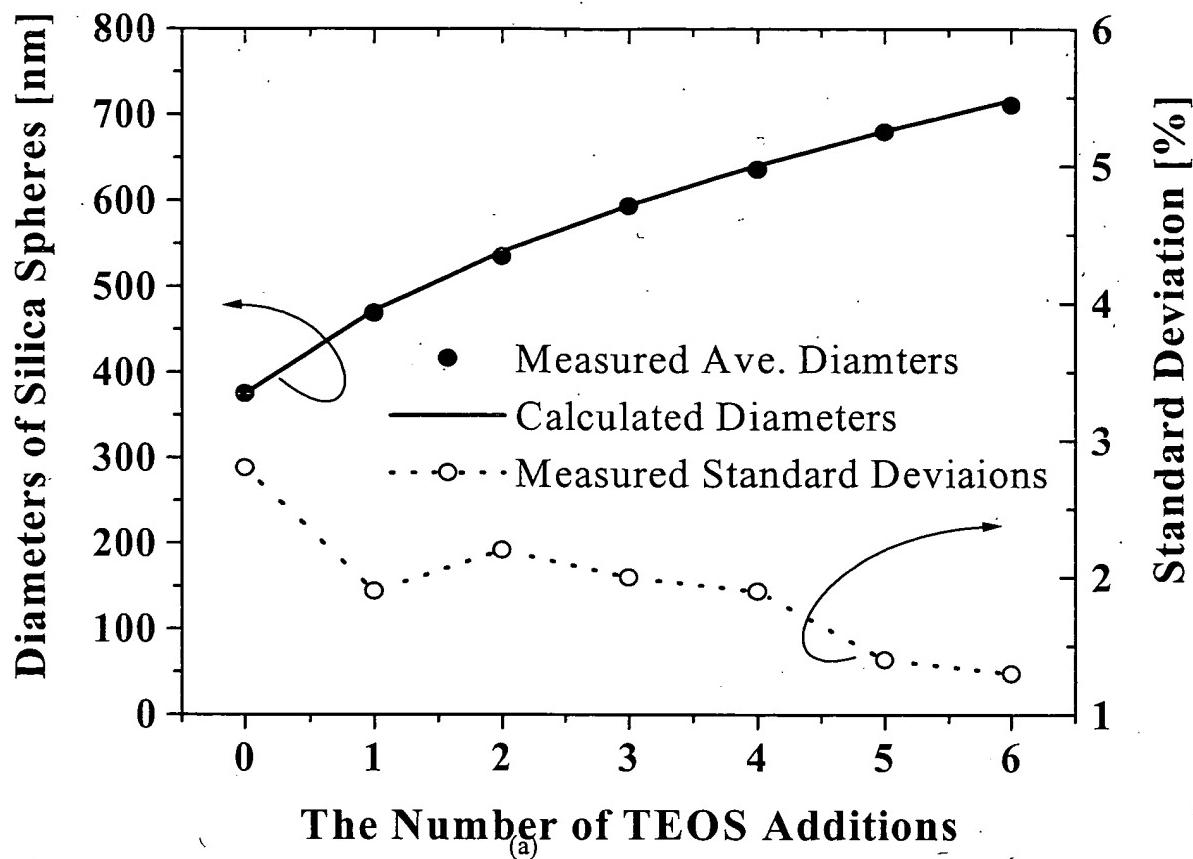


Fig. 1

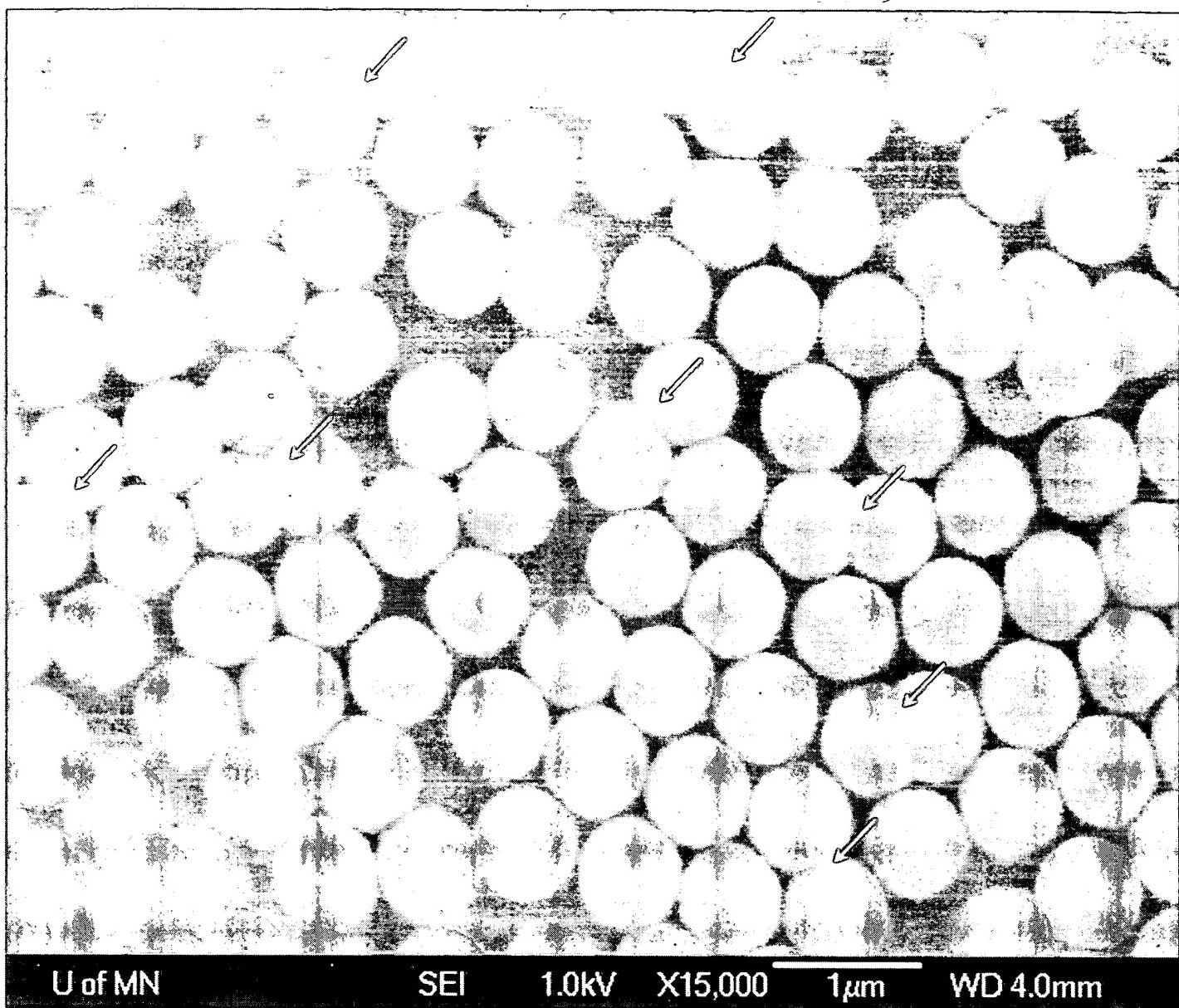


Fig. 2

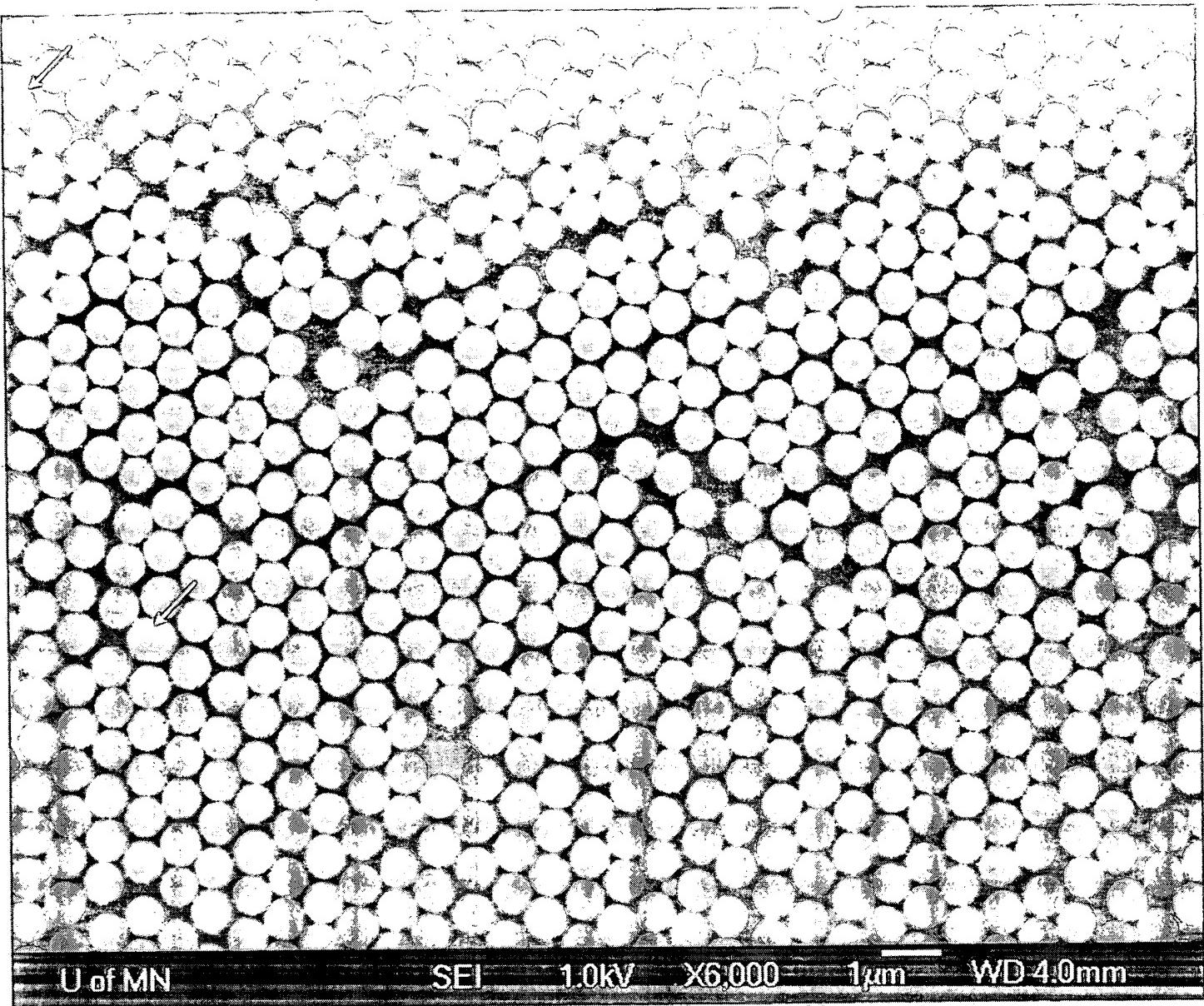


Fig. 3

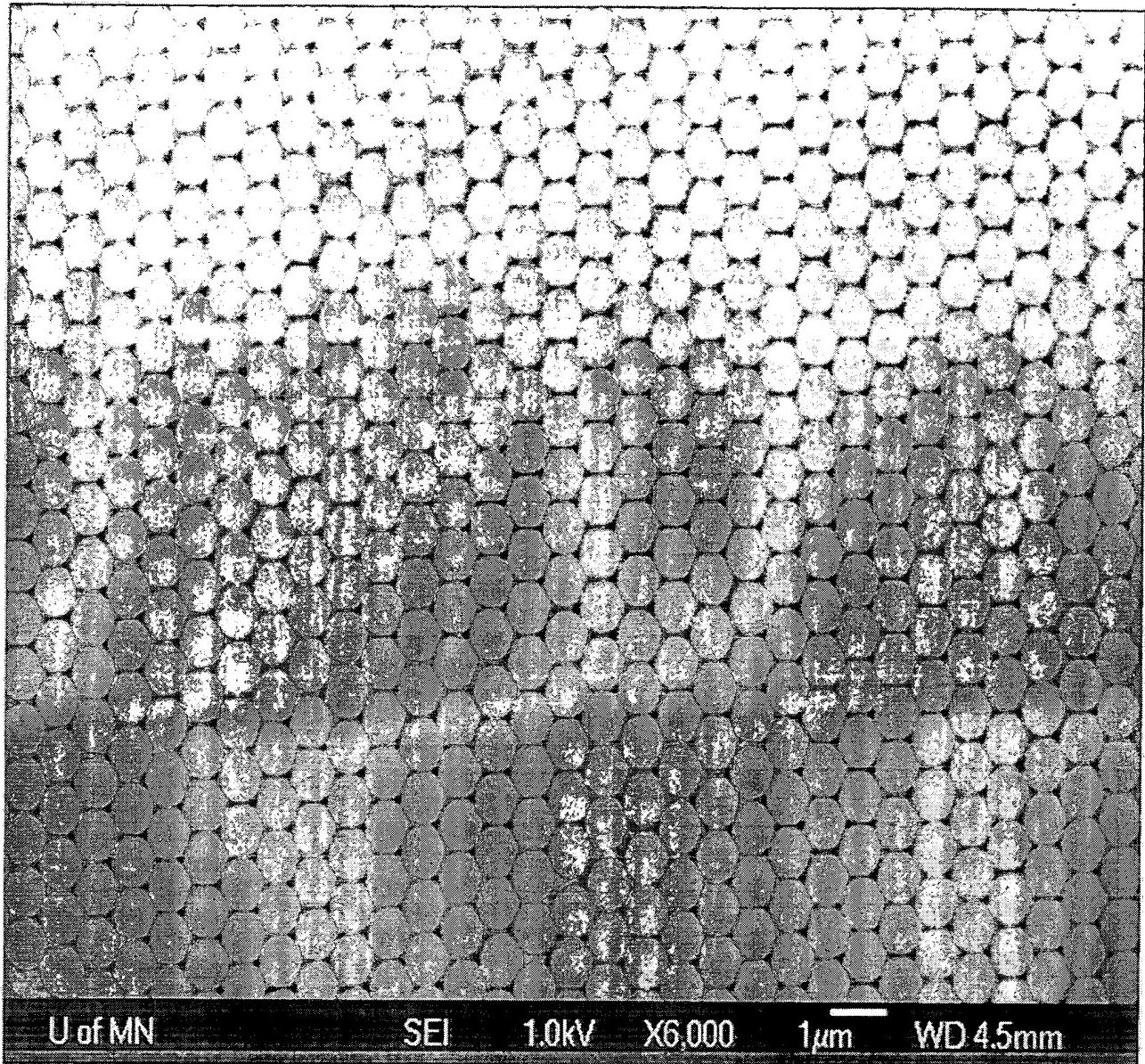
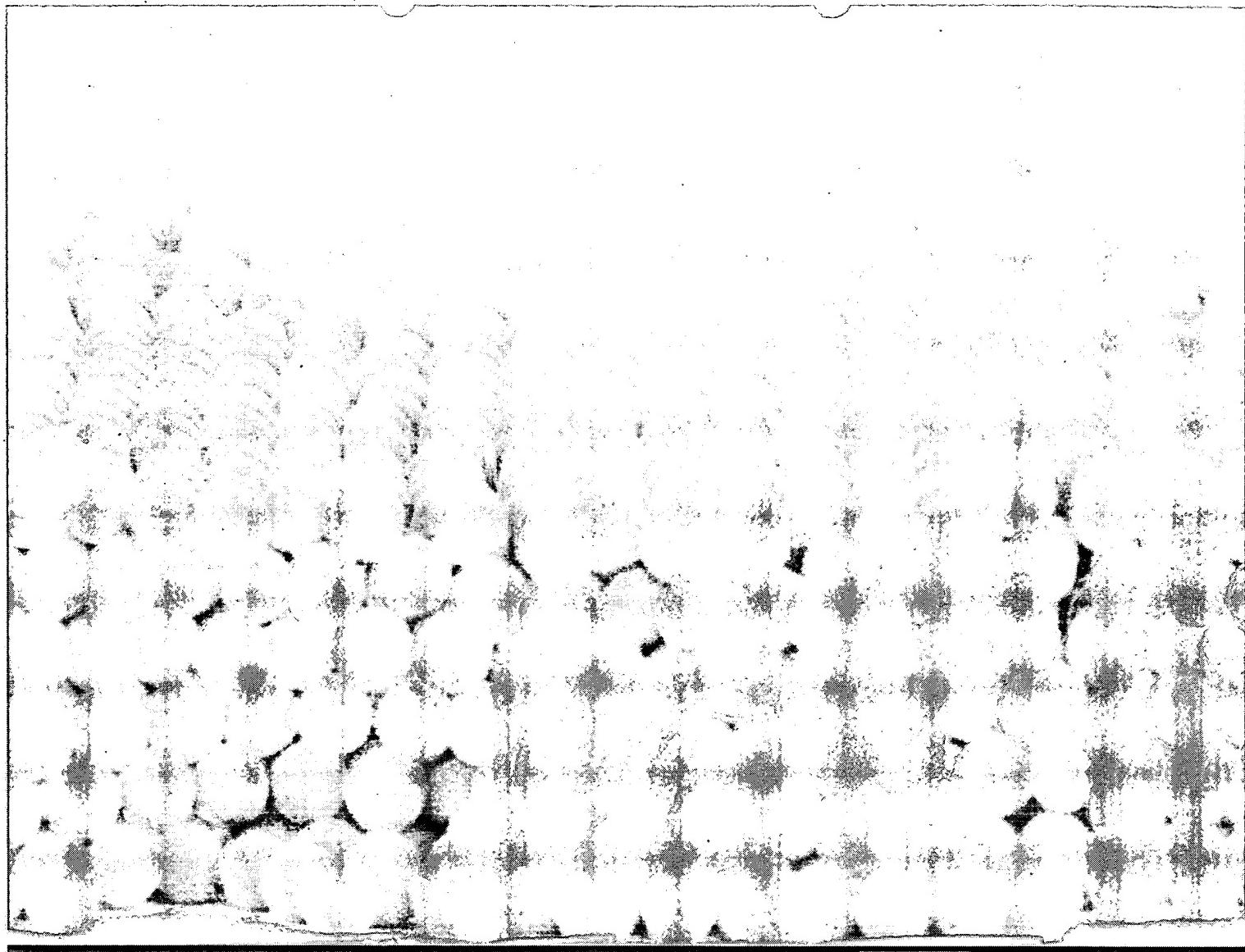


Fig. 4



U of MN

SEI

1.0KV

X11,000

1μm

WD 4.1mm

Fig. 5

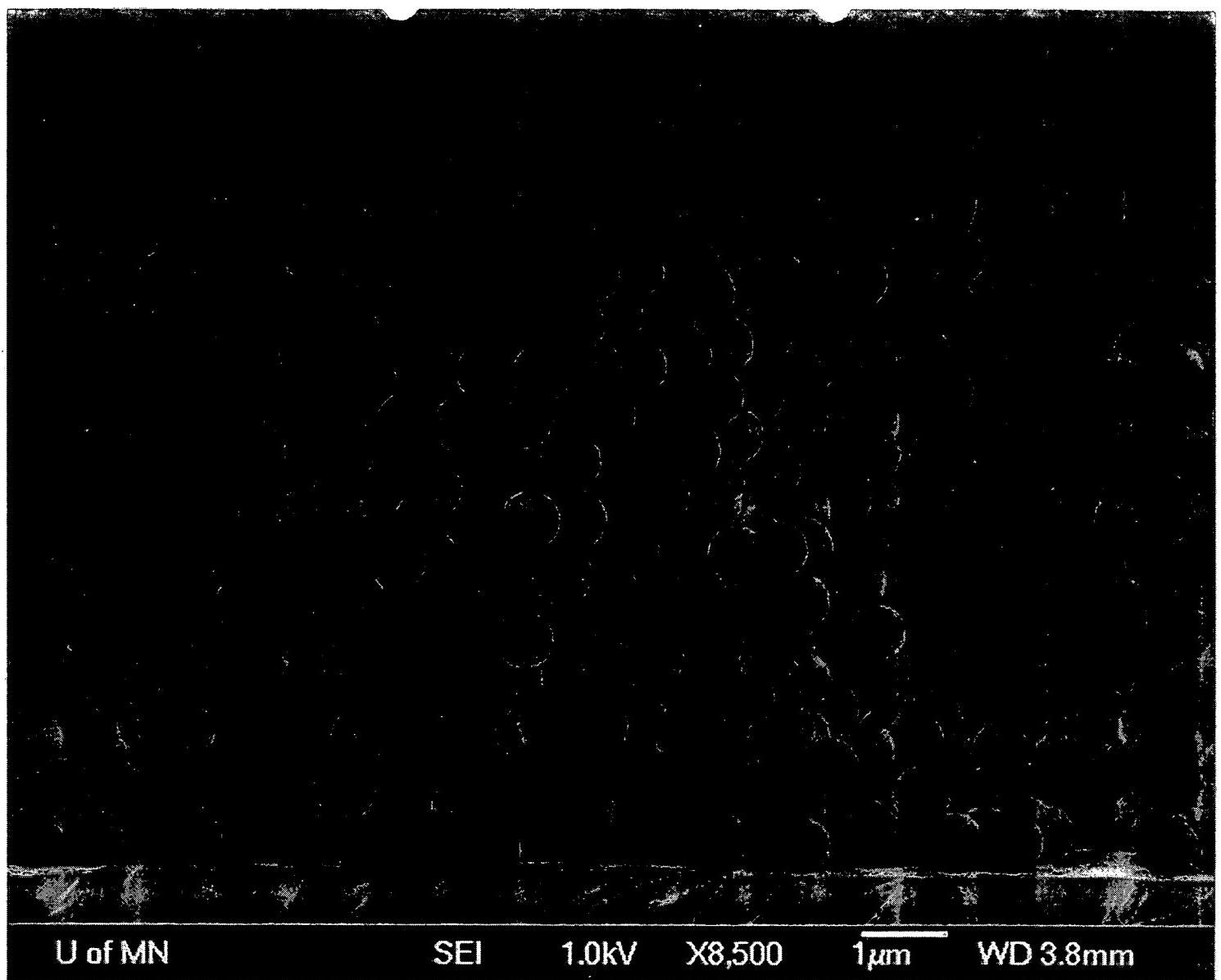


Fig. 6

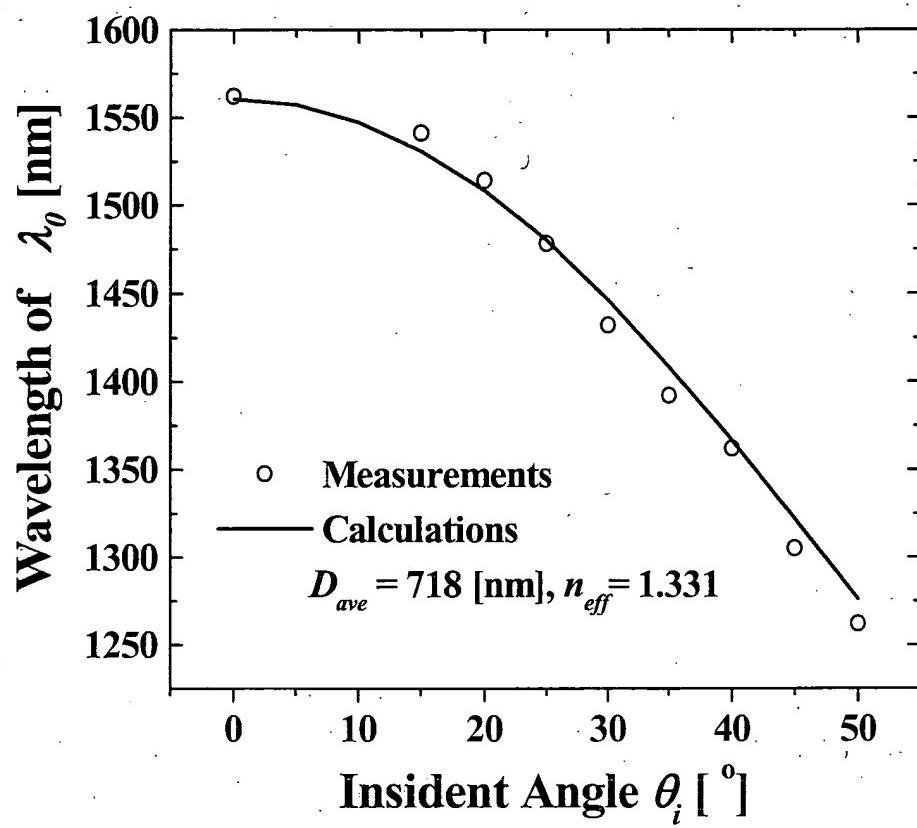


Fig. 7

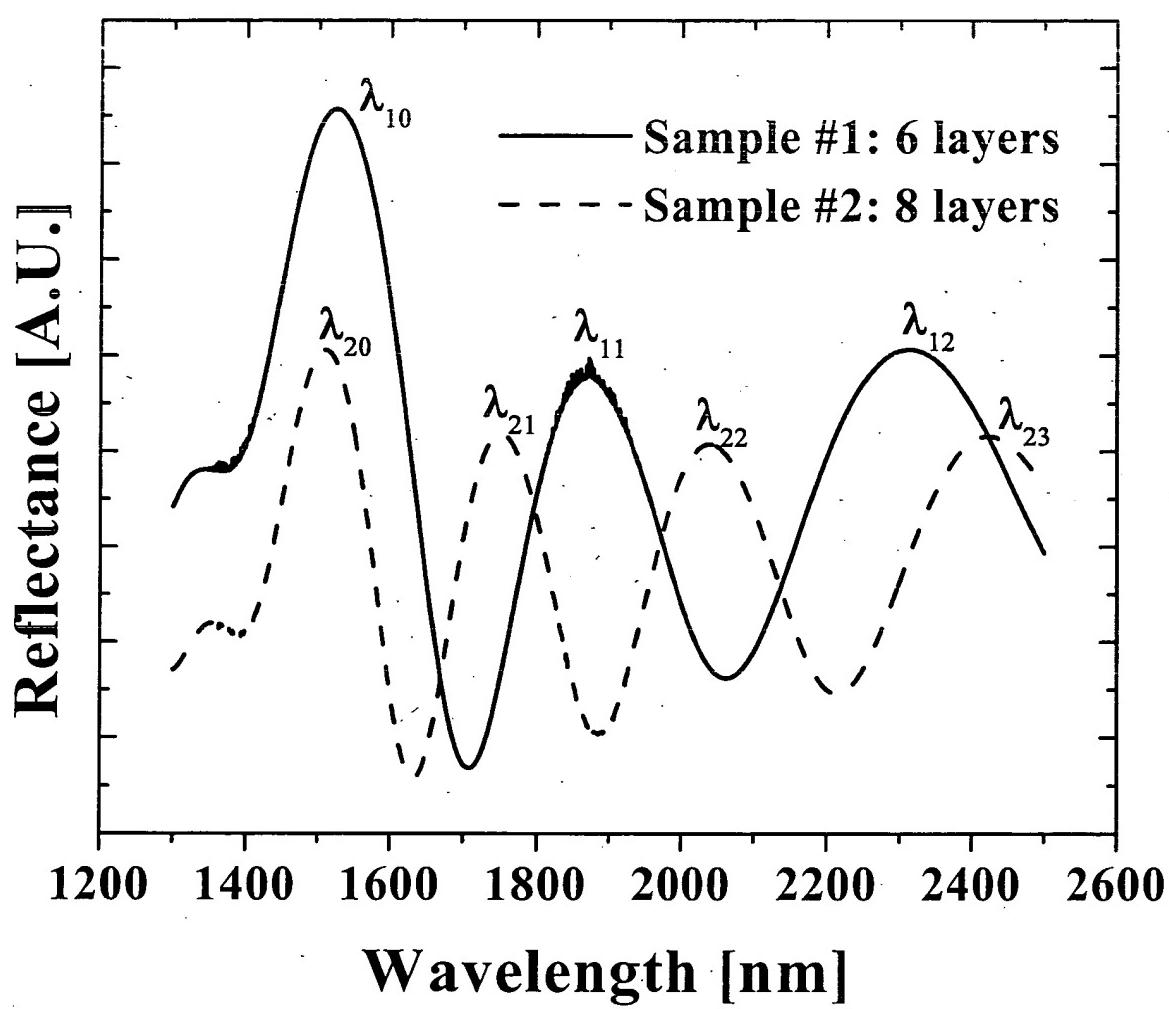


Fig. 8

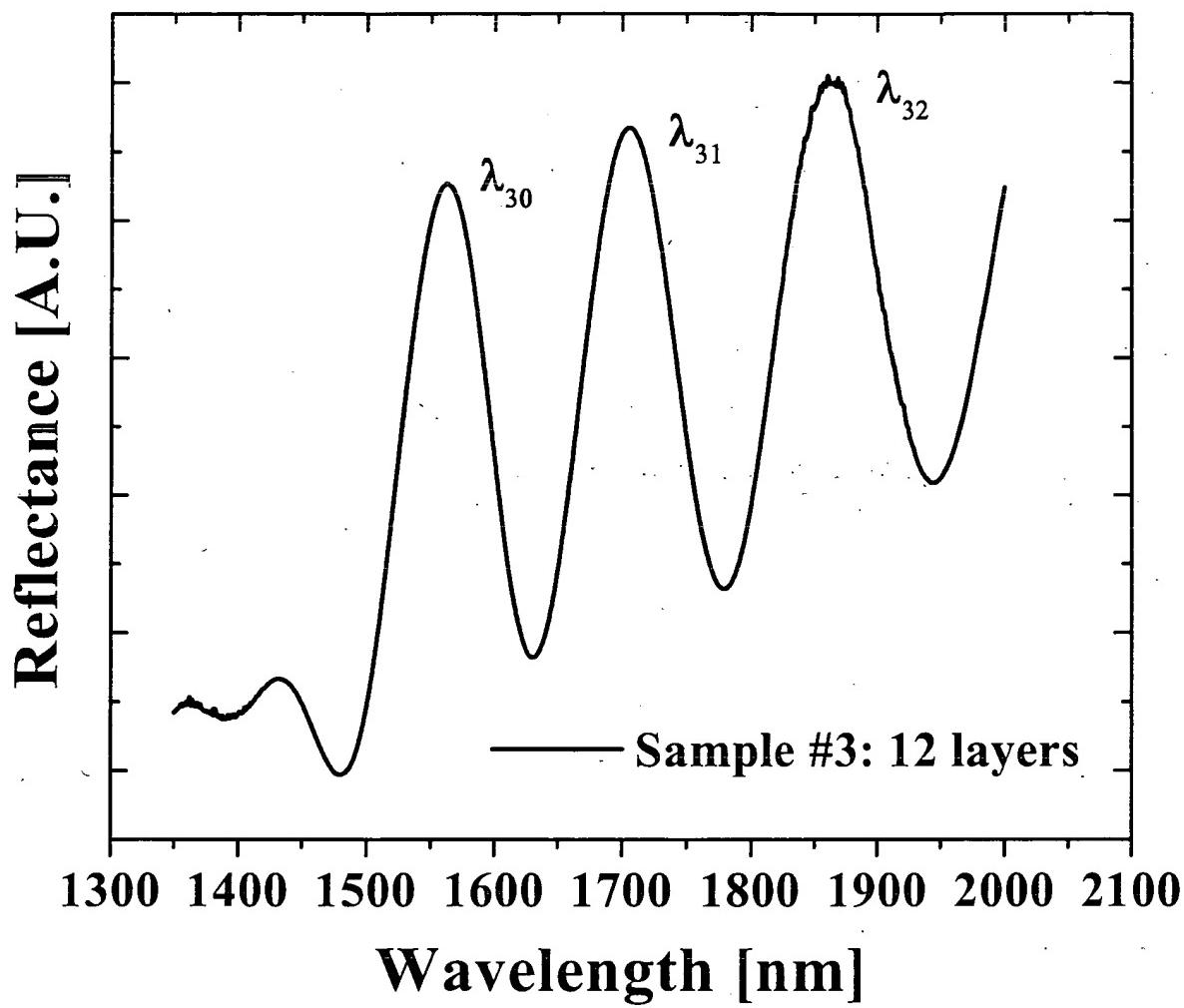


Fig. 9

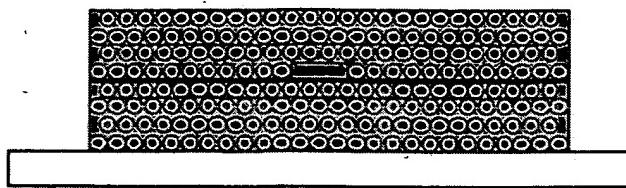


Fig. 10a

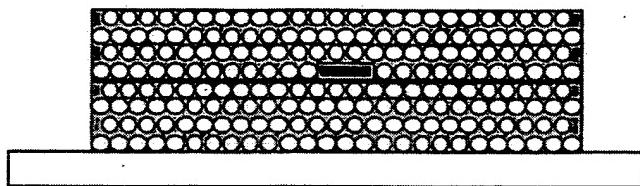


Fig. 10b

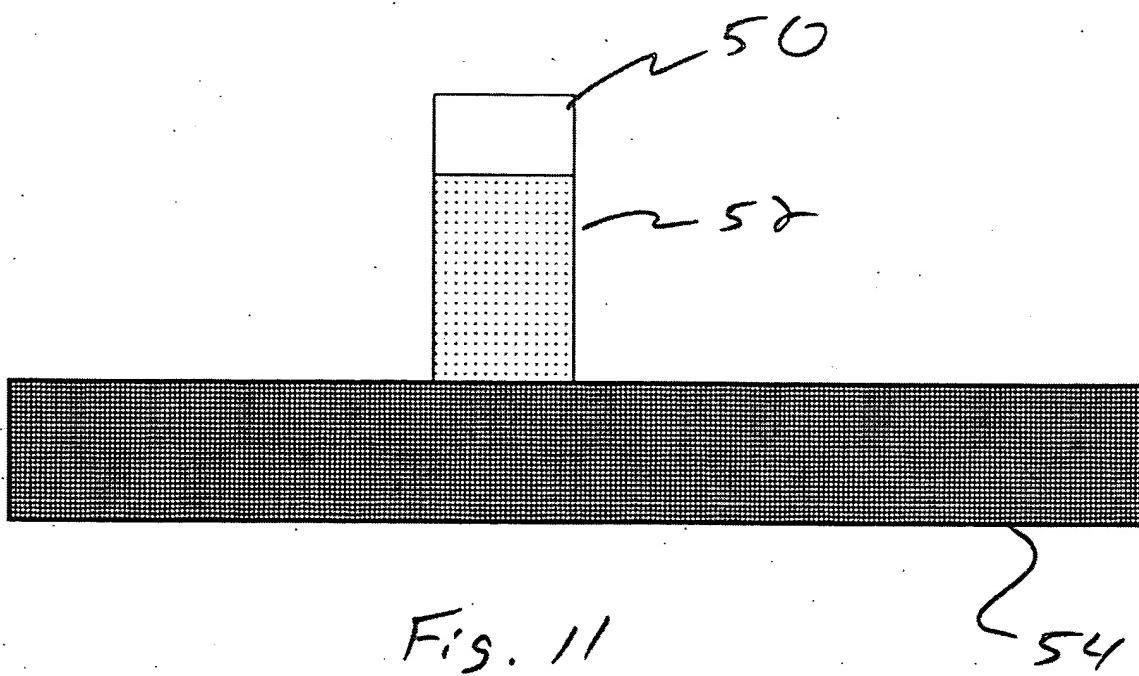


Fig. 11

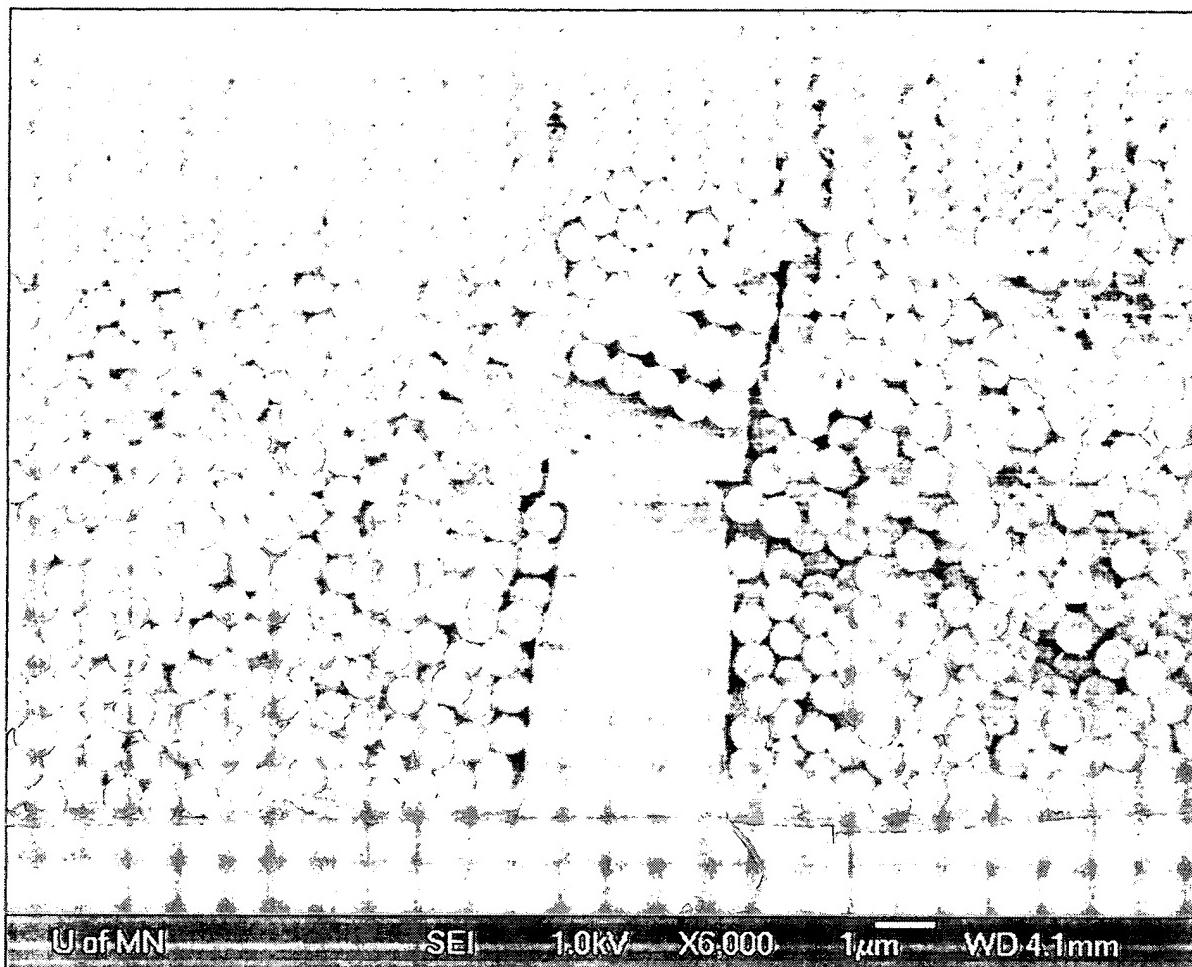


Fig. 12

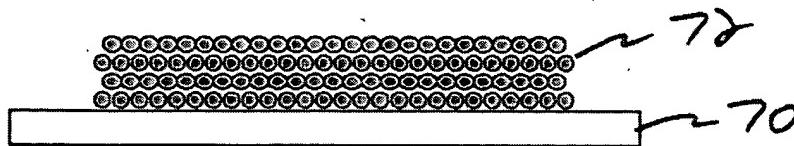


Fig. 13a

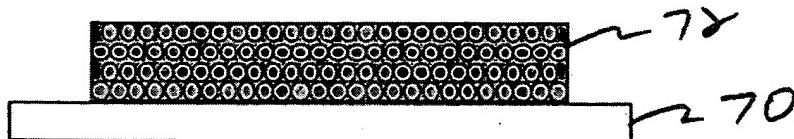


Fig. 13b

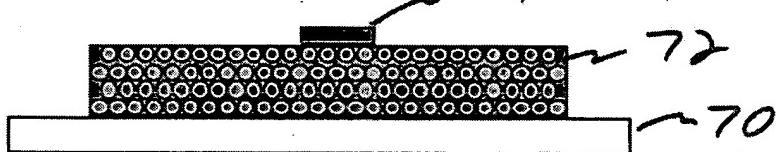


Fig. 13c

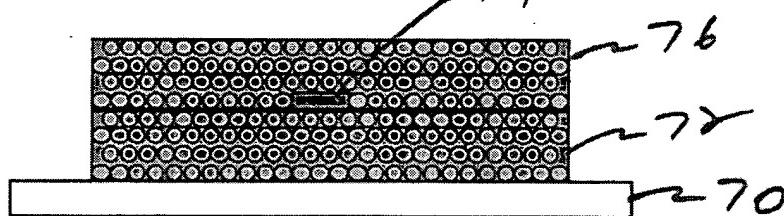


Fig. 13d

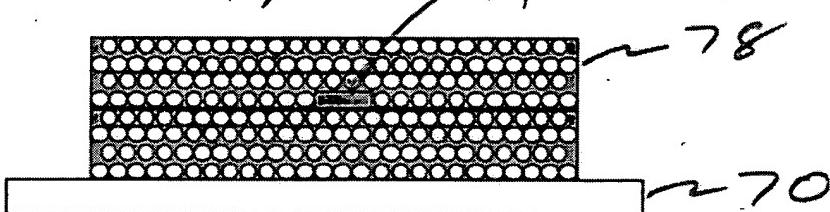


Fig. 13e